

TB COHORT REVIEW DATA ANALYSIS FOR YEAR  
2008

<b>2008 Cohort Review, Indices for Contact Investigation</b>	<b>1st Qtr</b>	<b>2nd Qtr</b>	<b>3rd Qtr</b>	<b>Year-to-Date</b>
Total Number of TB disease cases	18	27	30	75
TB disease cases on DOT	016/018 88.9%	016/027 59.3%	024/030 80.0%	056/075 74.7%
Number of TB disease cases the died before completion of therapy	1	1	2	4
Number of Pulmonary TB disease cases	15	19	29	63
Number of Smear positive TB disease cases	8	13	11	32
Percent of Smear positive TB disease cases with >0 contacts identified	004/008 50.0%	002/013 15.4%	016/016 100.0%	022/037 59.5%
Smear positive contacts identified	377	529	442	1348
Smear positive contacts appropriate for evaluation	141	129	276	546
Smear positive contacts evaluated	114	317	202	633
Percent of smear positive contacts evaluated	114/141 80.9%	321/129 248.8%	202/276 73.2%	633/546 115.9%
Smear positive contacts started on LTBI treatment	4	38	30	72
Smear positive contacts completed LBTI treatment	0	1	6	7
Smear positive contacts still taking meds for LTBI	4	27	24	55
Smear positive contacts expected to complete LTBI treatment	004/004 100.0%	028/038 73.7%	030/030 100.0%	062/072 86.1%
# MDR cases	0	0	0	0
Rif resistant / intolerant and still on therapy	0	0	0	0
TB disease preventable cases	010/018 55.6%	006/027 22.2%	009/030 30.0%	025/075 33.3%

TB COHORT REVIEW DATA ANALYSIS FOR YEAR  
2008

2008 Cohort Review, Selected Treatment Variables	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date
Number of TB disease cases	18	27	30	75
Number of TB disease cases reported at death	0	0	1	1
TB disease cases that died during treatment	1	1	1	3
TB disease cases MDR and still on treatment	0	0	0	0
TB disease cases rifampin resistant / intolerant and still on therapy	0	0	0	0
Percent of TB disease cases that completed an ATS/CDC regimen in <12 months (for whom therapy for one year or less is indicated)	001/017 5.9%	008/025 32.0%	011/028 39.3%	020/070 28.6%
Percent of TB cases likely to complete, plus those that have completed the above regimen	017/017 100.0%	021/025 84.0%	027//028 96.4%	065/070 92.9%
Cohort failure(s)	000/017 0.0%	000/025 0.0%	001/028 3.6%	001/070 1.4%
Percent of Pulmonary TB cases sputum smear (+) that have sputum specimens collected weekly (no less than 8 hrs apart) until 3 consecutive smears are negative	008/008 100.0%	011/013 84.6%	011/011 100.0%	030/032 93.8%
Percent of Pulmonary TB cases sputum smear (+) or sputum culture (+) that have documented sputum culture conversion by two months, collected on consecutive days each month until 3 cultures are (-).	008/008 100.0%	012/016 75.0%	017/020 85.0%	037/044 84.1%
Percent of TB cases on DOT	016/018 88.9%	016/027 59.3%	024/030 80.0%	056/075 74.7%

TB COHORT REVIEW DATA ANALYSIS FOR YEAR  
2008

2008 Cohort Review, Selected Program Variables	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date
Total Number of TB disease cases	18	27	30	75
TB disease cases interviewed within 3 business days	017/018 94.4%	021/027 77.8%	021/030 70.0%	059/075 78.7%
Percent of RVCTs submitted within 21 days	015/018 83.3%	020/027 74.1%	026/030 86.7%	061/075 81.3%
Class A, B1/B2 Immigrants/Refugees evaluated for TB within 30 days of arrival in MO	024/025 96.0%	019/031 61.3%	021/035 60.0%	064/091 70.3%
Percent of TB disease cases started on an ATS/CDC regiment within 1 month of diagnosis	017/018 94.4%	023/026 88.5%	026/028 92.9%	066/072 91.7%
Percent of TB specimens submitted for NAA testing that were reported <= 48 hrs of receipt at SPHL (Mt. Vernon) = laboratory confirmation	006/007 85.7%	010/011 90.9%	014/016 87.5%	030/034 88.2%

TB COHORT REVIEW DATA ANALYSIS FOR YEAR  
2008

<b>2008 Cohort Review, Select Epi Variables</b>	<b>1st Qtr</b>	<b>2nd Qtr</b>	<b>3rd Qtr</b>	<b>Year-to-Date</b>
Total Number of TB disease cases	18	27	30	75
Number of Pulmonary TB disease cases	15	19	29	63
Number of smear positive TB disease cases	8	13	11	32
Number of Extrapulmonary TB disease cases	3	8	1	12
Age range all cases	17-89	18-87	20-93	17-93
Average age all cases	44	49	52	50
	009/018	019/027	018/030	046/075
Percent Male	50.0%	70.4%	60.0%	61.3%
	009/018	008/027	012/030	029/075
Percent Female	50.0%	29.6%	40.0%	38.7%
	006/006	008/010	009/010	023/026
Known HIV status of TB disease cases in 25-44 age group	100.0%	80.0%	90.0%	88.5%
	015/018	014/027	020/030	049/075
Known HIV status of all TB disease cases	83.3%	51.9%	66.7%	65.3%
	002/018	004/027	001/030	007/075
Percent of TB disease cases not offered HIV testing	11.1%	14.8%	3.3%	9.3%
	001/018	001/027	000/030	002/075
Percent of TB disease cases co-infected with HIV	5.6%	3.7%	0.0%	2.7%
	010/018	006/027	009/030	025/075
Percent of preventable TB disease cases	55.6%	22.2%	30.0%	33.3%

TB COHORT REVIEW DATA ANALYSIS FOR YEAR  
2008

2008 Cohort Review, Indices as they related to TB Elimination Grant Objectives	1st Qtr	2nd Qtr	3rd Qtr	Year-to-Date	Grant Objectives
Percent of TB cases that complete an ATS/CDC regimen in <12 months (for whom therapy for one year or less is indicated)	001/017 5.9%	008/025 32.0%	011/028 39.3%	020/070 28.6%	95%
Percent of TB cases likely to complete, plus those that have completed the above regimen	017/017 100.0%	021/025 84.0%	027//028 96.4%	065/070 92.9%	↑
Smear positive cases with >0 contacts identified	004/008 50.0%	002/013 15.4%	016/016 100.0%	022/037 59.5%	100%
Smear positive contacts evaluated	114/141 80.9%	321/129 248.8%	202/276 73.2%	633/546 115.9%	95%
Smear positive contacts completed LTBI treatment	000/004 0.0%	001/038 2.6%	006/030 20.0%	007/072 9.7%	85%
Smear positive contacts expected to complete, plus those that have completed LTBI treatment	004/004 100.0%	028/038 73.7%	030/030 100.0%	062/072 86.1%	↑
Class A, B1/B2 Immigrants/Refugees evaluated for TB within 30 days of arrival in MO	024/025 96.0%	019/031 61.3%	021/035 60.0%	064/091 70.3%	90%
TB case rate in US Born African Americans	0.9	0.4		1.9	<5 per 100,000
Known HIV status for age group 25-44	006/006 100.0%	008/010 80.0%	009/010 90.0%	023/026 88.5%	90%
RVCT Completeness	100.0%	100.0%	100.0%	100.0%	95%
Percent of all laboratory confirmed TB cases that occurred within 48 hours of specimen receipt <Healthy People 2010 Goal>	006/007 85.7%	010/011 90.9%	014/016 87.5%	030/034 88.2%	75%